

FALL

1960

50 cents

ACCENT

on Living

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IDEAS • NEWS • FACTS • INFORMATION • HUMOR

Handicapped or Handpicked

We have probably all asked ourselves the question, "Why did this happen to us?"

There are many answers to this question. "It was just my darned luck." "This is supposed to be hell on earth." "I am just a statistic, a number on a chart, one person out of every twenty is handicapped one way or another."

How good an answer really is depends on just one thing—does it satisfy you. Have you ever stopped to think that maybe, just maybe, you were handpicked by a Higher Being to perform some useful and definite purpose in life? Do you

suppose you were considered to be well qualified—that is why you were the person chosen to accomplish a mission in life? Your own mission?

ACCENT On Living is full of "ideas"—full of articles where people tell how they were successful—a place where you could get the idea that will bring you the success and happiness you want and deserve. Sometimes all that is necessary for success is just the spark of an idea—perhaps the idea that could start you on your own mission.

ACCENT ON LIVING CHARTER

ACCENT On Living is a national magazine dedicated to serving all handicapped people, their families and their friends, regardless of race, religion or creed. ACCENT is an authoritative clearing house for problems confronting handicapped people. ACCENT is edited and published with the firm belief that each person gains invaluable experience and knowledge as the result of a physical handicap. ACCENT believes in the complete dignity and respect of all persons. Furthermore, all profit from ACCENT Magazine will be used for furthering rehabilitation facilities and bringing facts, ideas and the benefits of rehabilitation to the readers of this magazine.

ACCENT On Living Editorial Office—802 Reinthaler, Bloomington, Illinois

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Vol. 5 No. 2

For many polio and arthritic patients

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on Life
with the ...*



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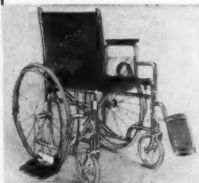
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MISS PHOEBE

NO. 25 IN A SERIES



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Accent On Living in *Action*

ACCENT On Living exists to help people who are handicapped perform a useful function and take their rightful place in society.

Over a year ago we became acquainted with Mrs. Florence Miner who had been in a hospital for 8 long years. It seemed that no one cared and that she had been left to the mercy of others.

Flo Miner is paralyzed from the neck down as the result of an automobile accident on September 20, 1952.

Through the efforts of ACCENT On Living and many other persons interested in rehabilitation she is now on her way to a new and much brighter life.

This is how we found her!



Flat on her back—since September 20, 1952—8 long years. Some had the opinion—make her comfortable, that's all you can do. All that was being done—she was turned on her stomach twice a week.

Now turn this page . . .

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ACCENT ON LIVING—Fall 1960



Ready to start the daily treatments and exercise, Flo is 30 years old.



Physical Therapy—muscles so tight her legs couldn't bend are stretched by people skilled in rehabilitation.



Tilt-board—another rehabilitation technique to build back strength, endurance and muscle tone.



Occupational therapy—a special assistive device was designed for Flo by a therapist trained at Warm Springs.



Writing for the first time in eight years; possible because of rehabilitation "know how".



Typing—an entire new world of communication has been opened up to Flo.

Here is what
REHABILITATION
 can do!



Feeding herself—after 8 years of being fed by someone else. Mrs. Flo Miner is receiving this "new lease on life" at the Institute of Physical Medicine and Rehabilitation in Peoria, Illinois thanks to the Rehabilitation and Geriatrics Program of the Illinois Public Aid Commission.

Every nice day Flo gets some sun, where she laughs and visits with nurses and other patients. Her spirits are at an all-time high.



Riding in her car—can you imagine what it's like to ride around and see what a town looks like after being "away" eight years.

WITH YOUR HELP

Accent On Living Can Do More

ACCENT is growing. As the number of subscribers increases ACCENT keeps getting more and more valuable to you.

I want to help ACCENT grow and do more:

- ☐ by sending my donation to pay for sending ACCENT to those who can't afford the subscription price.
- ☐ please enter a new subscription for (print name and address on separate sheet or use form on inside back cover).

CLIP AND SEND TODAY

to ACCENT On Living, 802 Reinthaler
Bloomington, Illinois



Dialing a phone—another important function she is learning how to do.

HOYER PATIENT LIFTER



FAST

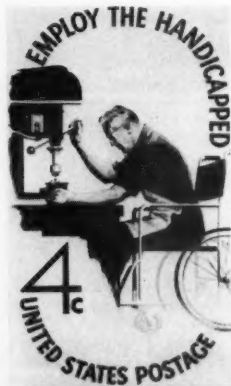
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TED HOYER & COMPANY, Inc., Dept. L, 2222 Minnesota St., Oshkosh, Wis.

New "Employ The Handicapped" Stamp



The 4-cent "Employ the Handicapped" commemorative stamp is now on sale.

Issued in cooperation with the President's Committee on Employment of the Physically Handicapped, this Committee was authorized by Act of Congress "... to enlist the cooperation of public and private groups in a year-round program to promote employment of the physically handicapped workers."

It is hoped that individuals and organizations will purchase a supply of these stamps for use for even one or more years postage needs.

Living Lines...

"I am a quadriplegic. I'm writing to you because I am interested in television monitoring work. Would you send me whatever information you have on it, what it consists of, and who to contact to try and gain employment in this field."

Gordon L. Smith
Hamilton, Ohio

"I am interested in knowing how many completely foot operated driving controls are available. I would like very much to contact any one who might be able to give me information on these devices, regardless of price. My arms are quite severely involved due to polio, although my legs are pretty good. Thank you."

R. Ryan
Portland, Oregon

"Congratulations on publishing such a fine little magazine. Although I have not walked for 50 years (having had polio at age 6), yet I have never wanted to join an organization for the handicapped because as far as I was concerned I wanted to forget that I was 'handicapped'. I can't sing either but that doesn't keep me from enjoying music! Thanks for accentuating the positive. I know that you are and will be helping many thousands to live happy and useful lives. I have worked in a college office for 38 years and find the work more interesting and challenging every day."

E. Larson
St. Paul, Minnesota

"On and on could read the list of new sights and sounds experienced on one's first trip to Florida. When one has been kept alive within the confines of an iron lung, then lived within a room's four walls, when all of life's experiences are limited physically, the realization of a

trip such as I had in March 1960 is a dream come true. When the 1959 Fall issue of ACCENT ON Living came to my desk, I found in it a small article entitled something like 'Free 2 weeks Vacation in Motel in Florida for Handicapped.' It could NOT be so; such just does not happen. However, I was not so unbelieving that I disregarded the address given in the article. I received an immediate reply to my inquiry, and everything about this possible vacation was real and true. After several letters back and forth, reservations were made for a companion and myself. I have never had a happier two weeks of fun, knowledge and new experience. It was all possible because of the May K. Houck Foundation, now in operation in Sarasota, Florida. My companion and I had a nice efficiency apartment with all the 'comforts of home', at absolutely no cost to us. We were convenient to all the outside necessities—grocery, drug store, laundromat, etc. We had driven down, and the extra advantage of a car afforded the opportunity of seeing much of nearby Florida."

Virginia Pearson
Warrenton, Virginia

"I am a post polio of the 1952 era with some movement in hands and arms. Since



"Heavy date or no, Miss Twilp—I don't think the department head will approve of this—"

Boulder is a university town I have learned to type on an IBM electric and have found a very good business in the typing of term papers and theses. You might pass this on to some of your other readers who live near a college. Its easy to get started and they bring the work to you and pick it up so there is no problem there. Congratulations on your little magazine, I find its articles informative as well as very delightful."

Willa Youngstrom
Boulder, Colorado

"Your last Fall issue carried a story about 'RESCUE MARKERS' for the handicapped. I received several responses and I contacted the Fire Depts. where your readers lived to inform them about this program. A few of these Depts. adopted my program. Would it be possible for you to again mention this program to your readers?"

Ed Charney
90 Tracey Place—NI
Englewood, New Jersey

"Your work has been highly praised to me. Since you work for the handicapped, I wonder if you could tell me what organizations exist to help shut-ins socially, mentally, and employment wise. Many groups exist to help the partly handicapped, but I wonder if there are any for those who are so greatly handicapped that they must remain shut-in."

Ben Woodcock
Santa Monica, California

Fall '59, Winter '59 and Spring '60 issues of ACCENT On Living contained details on national organizations—three in all.

Ed.

"Let me congratulate you on a great Summer issue. Glad to see that you are investigating 'Business At Home' ideas. I too am doing a lot of research into this field. I am checking into all of them that I hear of. Hope to write and prepare a booklet on the results of my in-

vestigations. Some are excellent, some good, some just 'sucker bait'. Will keep you informed of my progress. A handicapped can spend a lot of time and postage checking each one out individually. I hope to save them all this."

Al Logan
St. Petersburg, Florida

"I note in your Summer issue of ACCENT On Living that you have a good story on 'Airlines Can Refuse To Let You Fly'. Would you give us permission to reprint this item in PERFORMANCE? It is one of the most complete that I have seen so far."

K. Vernon Banta
Deputy Executive Secretary
The President's Committee on
Employment of the Physically
Handicapped

"We recently had the opportunity to read a copy of your magazine and were so impressed that we would like to order a subscription. It is through the efforts of persons like yourself that life for the handicapped is made brighter and a little easier. Our deep thanks."

William H. Dick
Paralyzed Veterans Assn.
of Florida

"How proud you must be of your big Summer issue of ACCENT On Living! I enjoyed it indeed. I enjoy Richard Sprague and Bonnie so very much. Sprague really knows humor. It's amazing how understanding Bonnie is. Wouldn't it be wonderful if all people (both handicapped and 'normal') could be as understanding as she? I don't have any girls among my pen pals. Do you know of any between 25 and 40 in Aurora, Illinois or vicinity who would like to write to a young, single man interested in everything—especially humor, art and music?"

Carl Hayes
Sugar Grove, Illinois

A Comparison of Severely Handicapped and Able-bodied Drivers

Handicapped drivers score higher in road tests

The information in this article was gathered by Walter Gart for his Master's thesis in Health Education at the University of Illinois, in 1959. This study was sponsored by Aurelio E. Florio, Ed. D.

Purpose

The primary purpose of this study was to compare the driving ability of handicapped individuals operating automobiles with hand controls with that of the able-bodied drivers. The secondary purpose of this study was

1. To compare the ability and attitude of a severely handicapped driver properly operating an automobile with hand controls under typical driving conditions, with that of the able-bodied driver.

2. To compare the chargeable accident rates of individuals using hand controls with those of able-bodied drivers.

3. To determine the attitude of insurance companies toward handicapped drivers.

Methods of Research

Twenty-four male students operating automobiles with hand con-

trols, and twenty-four able-bodied male students at the University of Illinois were given a standardized road test, nine miles in length, to determine their general driving ability. The backgrounds of the able-bodied drivers were very similar to those of the handicapped as they were selected after a thorough screening and interview process in accordance with the following: age, years of driving experience, grade point average, class, and college.

In November of 1958, a questionnaire was mailed to 170 students and alumni of The Student Rehabilitation Center at the University of Illinois. This questionnaire requested information regarding their driving history since becoming disabled, their preference as to type of hand control and why, and general information on their automobile insurance coverage. The questionnaire also included a request to list the present mileage of their automobile. Of the 110 questionnaires completed and returned, eighty-one individuals were selected for the purpose of this study. The remainder were eliminated from this study because they either did not drive or drove without the use

of hand controls.

In May of 1959, a follow-up questionnaire was sent to the individuals who answered the initial questionnaire, requesting information which presented an accurate six month driving record of these severely handicapped individuals. The accident statistics secured from the follow-up questionnaire were compared with the six month motor-vehicle accident statistics for all drivers in the United States, provided by The National Safety Council. Six month accident statistics for these drivers were calculated by dividing the 1957 motor-vehicle accident statistics in half. These two sets of statistics were compared on the following points: average number of miles traveled per driver, average number of chargeable accidents per driver, number of chargeable accidents per 100,000 miles traveled, and the average cost of each chargeable accident.

A questionnaire was mailed to 25 automobile insurance companies for the purpose of obtaining the motor-vehicle accident rates of severely handicapped drivers as compared with the rates of able-bodied drivers, and also their attitude toward insuring the severely handicapped.

The statistical methods included calculating the mean for the two groups of drivers who took part in the road test, and employing the chi square test to determine whether there was any significant difference in the average performance of these two groups on the road test. The motor-vehicle accident

rates for all drivers in the United States were calculated and compared with the national accident rates for all drivers in the United States.

Results

The average score of the severely handicapped drivers was three points better than that of the able-bodied drivers in a comparison of road test results. The chi square test revealed that this difference was not significant.

A comparison of severely handicapped drivers with all drivers in the United States on the basis of motor-vehicle accident rates revealed that the rates of the severely handicapped were much lower; also, that the types of hand controls presently in use, the handicapped drivers generally preferred the mechanical control in which force is applied by the driver through leverage action. Two accidents reported by severely handicapped drivers in this study resulted directly from failure of the "vacuum" type of hand control. Many of the individuals who answered the questionnaire experienced difficulty in obtaining automobile insurance, and felt that insurance companies were somewhat prejudiced toward insuring handicapped drivers. Fifteen responses were received in answer to the questionnaire mailed to insurance companies, however, these replies revealed little in the way of statistical information pertinent to this study. Although they

(Continued on page 23)



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Bloomington, Illinois

Wings For An Iron Lung

An Old School Bus, \$446 and a Spark of Imagination

By Lael Cappaert

Our daughter, Andrea (Andi), is a member of the polio class of 1954. She was then two and is now almost eight. In six years our entire family (mom, dad, Andrea 7½, David 4½, Thomas 3, and Marlys 1½ has learned a good deal about living above and beyond the effects of polio.

One of our most effective triumphs has been learning to travel with an iron lung. Because of his tremendous personal courage and because he was financially able, Fred Snite did this very efficiently several years ago. With all of the technical advances in recent years and also because Andi has not been quite as seriously affected, we have been able to travel in Snite style on a Cappaert budget.

First let me tell you a bit about Andi so that you will understand our problem and our success. Andi spent her first six months of polio constantly in an iron lung. Within several more months she learned to use a chest respirator for part of

the day. Almost a full year had passed, however, before she was able to breathe as much as an hour completely independent of any respiratory aid. To this day she seldom breathes "unassisted" for longer than an hour or two. As for the rest of her body, I guess Andi would be designated a quadriplegic. She does, however, use her lower arms and her hands rather well. She can wiggle her legs, but has not stood or walked. Most of Andi's day is spent lying on her ambulance cot using the new and very effective positive pressure respirator with a mouthpiece. For an hour or two braces allow her to sit in a wheel chair. At night she sleeps in an iron lung. Thus far she has never learned to sleep in a chest respirator. Her doctors feel that it is best for her welfare to spend her nights with the dependable support of the iron lung.

Andi spent sixteen months in the hospital. When she came home we experimented with short one-day



Out of the house . . .



. . . Into a 1947, 48 passenger school bus.

trips in our station wagon. With several batteries to power the respirator and with her two hours of unassisted breathing time, we were able to travel in a sixty mile radius around Ann Arbor, always returning home at night so that she might sleep in the tank.

We had plenty of reasons to stay at home and leave the traveling to others, but Andi wanted a vacation and she isn't the kind of a gal who takes "no" for an answer. Many times before, Andi had pushed us into the realm of the impossible. Usually she emerged triumphant, and we, blushing for our lack of spirit. In the winter of '59, again urged by Andi, we seriously considered making longer trips. If we could only find a way to transport the iron lung it would be feasible to take Andi on a trip of several days or even a week. A truck? A trailer? A bus? A bus seemed to offer the safest means of moving the lung. We certainly wouldn't want the mechanism damaged en-route.

In January we visited a bus dealer. We were simply amazed to find a 1947, forty-eight passenger, school bus in reasonable condition for two-hundred and fifty dollars. Before we had time to be cautious and sensible we made the down payment and the bus was ours.

All during the winter of 1959 the Cappaerts worked to revamp the interior of the bus. We proceeded in this manner:

We removed all of the seats and scraped the old linoleum off the floor.

We painted the ceiling and walls, tiled the floor and then replaced two front seats.

Behind the front seat on the driver's side we built a high shelf to accommodate Andi's ambulance cot. The wheels of the cot fit into four slots thus holding it very securely. We also use a safety belt around Andi in this position. Under the shelf there is adequate space for three four-hour automobile batteries, two respirators, a hand resuscitator for emergencies, plus a suitcase or two. Here Andi is situated perfectly for a good view out of the windows. She can see much



"The bus has indeed put wings on an iron lung and wings on our spirits." Looking toward the back.



Looking toward the front.

more of the scenery than she ordinarily does in our station wagon.

Behind Andi's shelf we built a lower shelf which is covered with foam rubber. This is a convenient sitting height and also serves as a bed for the two boys. Under this shelf we have more storage space. Usually we keep suitcases, lunch, toys, and miscellaneous items here.

On the right side of the bus behind the front seat we have an ancient sofa bed, comfortable for sitting, and when folded out, a bed for two adults.

Directly behind the sofa is the wheel housing which juts up on either side. On the left it is covered by the low shelf. On the right we use this space to store bulky items like the stroller, play pen, Andi's wagon, or the folded wheel chair.

Behind the wheel housing on the right the iron lung fits with only about three inches to spare. This is, of course, a very small size Drinker-Collins tank respirator. (When Andi outgrows this tank perhaps we'll have to get a sixty-passenger bus.) Lee drilled through the floor of the bus and bolted in eye hooks. When we are under way the tank is securely locked in position. When we park and are ready for bed, the tank is unhooked, swung into the aisle, and Andi is tucked in as easily as if she were at home. We load and unload the tank through the rear door. Four men can do this quite easily. Our neighbors usually help us although we one time called on the police department for this service.

Since the bus has a six volt elec-

trical system and we have no additional generator, we cannot actually operate the tank while we are moving (except manually). Andi uses the portable respirator as we travel. At the rear of the bus we have a four-way convenience electrical outlet. From the socket on the outside of the bus we use an extension cord to plug into any near-by outlet when we park. Since we have four outlets we can plug in the tank plus a night light or heater, charge a battery, and make coffee. We are always cautious not to overload the circuit and blow a fuse for our host. We carry plenty of extension cords.

To date our baby girl sleeps in a play pen which is set up in the aisle.

The cost of this venturesome mode of travel has been no more than many a family spends on a summer vacation.

Bus	\$250.00
Paint (interior & exterior)	9.00
Floor tile	20.00
Plywood	20.00
Motor repair	50.00
Miscellaneous	8.00
License	28.75
Insurance	
(for the summer)	15.00
Barn rental for storage	
during the winter	45.00
Tires (This is an item we need, since new tires are \$90.00 each we will continue to look for a bargain in used tires.)	
Total	\$445.75

We average about twelve miles per gallon of gasoline.

(Continued on page 33)



This New PORTABLE RESPIRATOR

*Now you can have more freedom. Once again
you can go where you want to!*

ON TRIPS, PICNICS, TO BALLGAMES, MOVIES, SHOPPING

Rules

1. Write a 100 word (approx.) essay telling why you want to win.
2. Attach to your essay a short (about 25 to 50 words) statement from your doctor telling why he thinks you should win.
3. All contestants must be a regular paid subscriber to ACCENT On Living magazine.
4. Include with your entry five new paid subscriptions to ACCENT On Living magazine.
5. Be sure to print your name and address clearly in the upper left hand corner of your essay.
6. Contest period starts March 1, 1960 and closes September 30, 1960.
7. Judges will be members of the Board of Directors of this magazine and the decision of the judges will be final. The winning entry will be judged on literary content of the essay and the need of the participant.
8. The respirator will become the property of the winner until such time the winner no longer needs this respirator, at which time it will be returned to ACCENT On Living magazine to be used in the special rehabilitation work being done by ACCENT On Living.
9. All entries become the property of this magazine.

Value \$1,400

**Complete unit can be mounted
on a standard wheelchair.**

**You will have the ultimate in
safety features.**

HERE'S WHAT YOU'LL WIN!

- Thompson Portable Respirator (only 22 lbs.)
- Thompson Lightweight Portable Battery with built-in charger (only 25 lbs.)
- Auto Battery carrying case
- Positive Pressure Hose Assembly
- Hand Resuscitator

**This equipment donated by
Thompson Engineering Prod-
ucts, Inc. Boulder, Colorado**



Goldwire jewelry. This is the business chosen by Anne Thacker to help support herself. With the aid of an adjustable "suncot", used as a bed, she is able to sit up a great deal of the time. Having had polio in 1937 she says, "Amazing as it may seem, after twenty-three years, I am still growing stronger! Slowly, but improving, never-the-less". Anyone interested in selling goldwire jewelry as her "Representative" may contact Anne through ACCENT On Living.



Oral artist and radio ham (K8ABP) Elon Lamphier is a quadraplegic from polio ten years ago. He has only very slight control of the fingers of his left hand and none of his right arm or fingers. So proficient has he become with his oral painting that his work has won prize ribbons and most of his pictures end up being sold.

1



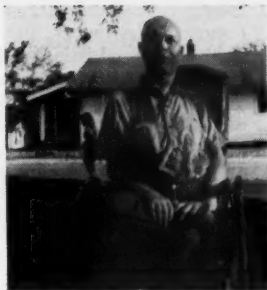
Bowling from wheelchair and stretchers. Those who cannot see maintain balance and direction by gripping a rail with one hand as they seek their own strikes and spares. Bowling is a well organized recreation program in VA Hospitals and an important part of rehabilitation.

(1) Paraplegic Kenneth Johnson, also a patient at Hines, gets his ball away from a horizontal position.

(2) Using a bowling cue, Douglas Daily, patient at Hines, Illinois VA Hospital finds bowling is not impossible even for a quadraplegic. The cue with the hand and wrist grip for the patient has a suction cup at the other end.

(3) Second in the nation in the VA Bowl-O-Matic Tournament, is the team from Cleveland VA Hospital. L to R, J. Wilson, R. Watters, P. Bellville, P. Kilbane and D. Smith,

ACCENT on PICTURES

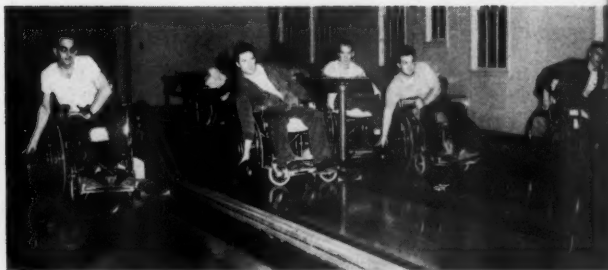


Pastor-Evangelist, Bud Bryant uses this specially made wheelchair with 30-inch wheels to get around his farm. With a spindle rear wheel it includes a commode seat and in the reclining position, he uses it to sleep in. He is currently contacting various wheelchair companies to have a new wheelchair made to his specifications and hopes to soon get a lift so he can sleep in a bed again.



Pioneer in the field of sheltered workshops in Australia is Hugh Bedwin, co-administrator (with his wife) of the Civilian Maimed & Limbless Association, Camperdown, Sydney. This organization has four workshops employing over 200 disabled persons who have been classified as "unemployable". Mr. Bedwin will present a "Forum For The Disabled" at the 8th World Congress of the I. S. W. C.

2 3



Is Your Life Miserable?

by
**Richard
Sprague**



STEPPING OUT

If sitting up was difficult, then standing was terrifying, and walking impossible! The distance from the seat of my wheelchair to an erect position was certainly no more than twenty inches, but it required all the resourcefulness of two husky Therapists and a mouse to lift my muscleless legs. The Therapists hoisted me one quarter of the way, and a mechanical mouse, employed on all new "standers" scared me up the other three quarters.

Once up there was nothing to do but remain standing, since the floor was an uninviting seventy inches away, and I was too short to climb up the light cord hanging from the ceiling. Under my arms were placed two pieces of oddly shaped lumber called crutches, which both pinched and tickled me at the same time.

Alone for a moment, propped up against a wall with the other sacks of dirty laundry, I pondered the value of ever walking again. 'Some-

body', I reasoned 'has to collect County Relief money, and why not me'? My wheelchair wasn't really too uncomfortable, and from this position I could pursue my hobby of basket weaving. But as perverse as my thoughts had been, so were my Therapist's intentions for me to walk, and I calmly obeyed lest he breathe too hard and topple me over.

The most I remember about my first steps was having my Therapist kick my legs out in front of each other with his knees, and telling me wiggle my hips to make my legs move better. This I did, and it worked so well the rest of the patients displayed their approval with chorus of wolf whistles. It was just pure jealousy.

Finally after an exhausting fifteen feet I collapsed in the arms of the closest nurse passing by. After three weeks of strenuous daily walks, my distance finally increased to thirty feet without even a loud gasp.

Fortunately I never made the same mistake twice, but to compensate for that I acquired a variety of methods of scattering my limbs throughout the halls. Once as I sauntered out onto the rooftop sun deck, a rather fetching lass, also on crutches, smiled as I passed and dropped her handkerchief. I suspected she was testing my "bendability" and I rose to the occasion to pick it up, but crumpled to the roof remembering, after the first bounce, that those muscles had gone on an extended vacation.

Apologetically she stooped to

help me, but also bended down too far, and sat down quite firmly. Without a muscle between the two of us to stand up, we sat and chatted until a passing gurney scooped us up.

The day finally arrived when I received my dishonorable discharge. In hurrying to leave the premises, my right foot caught in my left pants cuff, and I plunged headlong toward the asphalt floor in a swan dive. At the sound of my ankle snapping and popping like a dish of Rice Krispies, I realized my hospital life was not yet finished, and I would probably need to stay on for the next course in "How To Pick Up Your Feet".

The Bible Says

By
Rev.
Arthur
Gordon



"Behold, I say unto you, Lift up your eyes, and look on the fields; for they are white already to harvest."—John 4:35b

As I write this, all one needs to do to carry out literally this command of our Lord is to take a short auto trip over one of our country roads. Farmers are busy everywhere with their combines harvesting the ripe grain. But our Lord would have us see more than just

the activity before our physical eyes. He would turn our attention to another harvest, one just as real, but one which is yet future—God's harvest.

And yet, though it is future, it cannot be too far away. Jesus said: "... the fields ... are white already to harvest." If they were ripe for harvest when He spoke these words, how much nearer must harvest-time be now, some 1900 years later.

Would not the world situation indicate the nearness of the final great harvest? We cannot—must not—close our eyes to the mounting peril of our day. When our destiny as a country rests with one Vodka-drinking, God-defying individual, we *must* look up, for surely the "fields" are ready, the "grain" is dead ripe awaiting the final thrust of the heavenly scythes.

John the Baptist speaks of Jesus, with reference to the final harvest, when he says: "Whose fan is in his hand, and he will thoroughly purge his floor, and gather his wheat into the garner; but he will burn up the chaff with unquenchable fire" (Matt. 3:12).

It behooves us then to make sure we are "wheat" and not "chaff." And since the harvest is soon, it is necessary that we act quickly.

But how to be sure of entering the safety of the "garner" is our concern. The Bible has the answer. "Christ died for our sins . . . he was buried . . . he rose again the third day"—"that whosoever believeth in him should not perish, but have eternal life."

Optometry From A Wheelchair

Mason Williams became a doctor of optometry in 1951 but was paralyzed from the waist down in 1944 at the age of 23 because of a benign tumor of the spinal cord, lumbar region. At that time he was an aeronautical engineering draftsman at the Naval Air Station in San Diego where he worked for six months after becoming a paraplegic.

Came the end of World War II and he resigned his job to go to college and earn an engineering degree. After one year he decided to change his goal to the profession of optometry.

He said, "I visited an optometrist in San Bernardino who practiced from a wheelchair. I was convinced I could do the same. I did not receive much encouragement from the various counselors but decided to go ahead anyway."

Dr. Williams took two more years of college saying, "I got around with crutches and braces but after that I used the folding

wheelchair. The going was rather difficult at this time due to the nature of the San Diego State campus—lots of steps and hills, etc. In 1948 I was accepted as an optometry student at the Los Angeles College of Optometry. The physical conditions were a little better there as there was only one building involved. I did have to climb to the second floor at least once every day during the three years there. The people at the college were very cooperative in every way."

He graduated in 1951 and passed his state board examinations right away returning to San Diego where he opened an office in his home.

A year later he moved into a professional office. In the summer of 1958 he moved into a seven office clinic building. Dr. Williams said, "I have no particular difficulties in practicing optometry and I enjoy my work very much".

took Up Flying

A little over a year ago Dr. Williams started taking flying lessons. With 60 hours flying time he expects to get his private license soon. "I fly an Ercoupe as do several other paraplegics in Los Angeles and other parts of the country. This airplane has no foot controls and is ideal for paraplegics except for the difficulty in getting in and out but it can be done. I fly about two hours a week at present while working on my license".



Dr. Mason Williams, successful optometrist in San Diego, California.



With his instructor, Bill Burchett, Dr. Williams gets ready to try it alone.



Dr. Williams flies an Ercoupe, an ideal plane for paraplegics, because it has no foot controls.

Also An Inventor

In addition to his other activities, using his drafting and engineering experience, he designed an instrument for use in examining eyes called a "recording haploscope". It is a simple, rapid and accurate means for determining a patient's comfort zone of clear single binocular vision by presenting it on a graph. Indiana University has the second one manufactured.

Because Dr. Williams had vision he is now helping others to see.

COMPARISON—Continued

all expressed interest in such a study, they generally stated that accident records of severely handicapped drivers had never been separately classified from those of the able-bodied; and to obtain such records would be a costly and time consuming process. It was of interest to note that several of the insurance companies who answered the questionnaire referred to handicapped drivers as "assigned risks."

Conclusions

From the results of this study several conclusions can be drawn.

1. The hand controlled automobile is a definite asset for the optimum rehabilitation of a severely handicapped individual.
2. Of the two basic types of hand controls presently in use, the severely handicapped drivers generally preferred the mechanical type of control.
3. There is a great need for further research in the field of driver education concerning the handicapped driver.
4. The motor-vehicle accident rates of severely handicapped drivers compare most favorably with those of able-bodied drivers.
5. The severely handicapped drivers when operating automobiles under typical driving conditions.
6. Some automobile insurance companies maintain feelings of prejudice toward severely handicapped drivers.

Lowered But Not Crowded

By Richard Sprague



House cleaning is no chore with this easy to handle portable vacuum cleaner. All the floors are covered with asphalt tile to provide ease in rolling and cleaning.



Ironing is a pleasant task with this automatic ironer, which conveniently rolls back into a closet after use to further save space.

Another tribute to imagination and ingenuity is the home of Carl and Bev Smith of Sacramento, California. Their creative planning proves that a wheelchair home can be built that is both functionally complete, and artistically pleasing.

Chief architect Beverley, a 1956 Polio patient and a mother of six children, designed the home to provide the utmost in housekeeping convenience, and family comfort. Her all-electric, built-in kitchen makes the mealtime operations of cooking, serving, and dishwashing from a wheelchair, flow efficiently from each area.

Unlike many handicapped homes that are cut up and revamped to suit the tenant, Carl and Bev built theirs after thirteen months of scanning mountains of magazines and books, plus welcome advice from an interested builder. By careful, pre-planning, the low motif house incorporates many additional features for wheelchair living, without appearing to be squeezed together.

Doorways have been enlarged to three feet to permit easy wheelchair passage complete with the convenience of swinging doors. Hallways in the Smith home are four



Another Smith specialty is the use of lowered clothes rods in all bedroom closets, to bring apparel down to the level of Bev and her children.

feet wide to provide easy wheelchair turning. A hydraulic lift helps Bev into her bath tub.

Uniquely it is the only house of its kind in Northern California that has passed all FHA housing specifications, and has one of the largest tiled kitchen counters anywhere. Truly, the foresight and labor that has gone into this house make it a home with built-in servants, that help the handicapped to help themselves.



Electric table top cooking units have been lowered to 32 inches with push button controls located near the front with an easy reach.



Beverly demonstrates how her shallow linen shelves eliminate long reaches for her sheets and towels.



Dishwashing is made easy when dish-washer and sink are lowered to wheelchair level. Cabinets in fore and background have been extended downward.



Kimmie, 3, helps her mother look for canned goods stored in a food drawer that rolls easily on nylon castors.

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palm of
your hand



Made BY the handicapped FOR the handicapped

ONLY Drive-Master offers all these features:—Polished stainless steel and aircraft aluminum Universal steering column clamp. Easily transferred from one car to another. Does not interfere with normal operation.

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full refund in 30 days

DRIVE-MASTER CORP.

Alan B. Ruprecht, Pres.

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You Can Get Protection

Having the courage to be the first to try something new is something you don't find very often. The Commerce Insurance Company is offering life insurance protection to all physically handicapped persons, regardless of type of handicap—and they are doing so without requesting a medical examination.

How are they doing this? The premiums they charge include coverage for excess mortality experience. Persons in completely sound health and physical condition usually qualify for what life insurance

companies call a standard rate. Obviously persons with physical handicaps generally cannot qualify for "standard rates" so therefore they must pay a small additional amount for what insurance companies have experienced in the past as excess mortality. In the life insurance industry the charge on some risks that are accepted are for a 500 per cent mortality and some go to 1000 per cent mortality. It is interesting to note that a good many life insurance companies will not accept serious heart cases, persons with advanced stages of cancer and so on.

It is also interesting to note that the occupation you are in also determines what life insurance premium you pay. For example many companies will not write life insurance on deep sea divers and others in these extra hazardous occupations.

The point is this. A few types of physical handicaps, depending upon many factors such as extent of disability, time since inception and adjustment, may possibly qualify for standard or near standard rates on life insurance. The Commerce Life Insurance Company, a crusader with a new idea, is offering life insurance in \$500 amounts to the many people who have, heretofore, been turned down and rejected because of their physical condition.

The trouble with most of us is that we would rather be ruined by praise than saved with criticism.

Dear Bonnie:



DEAR BONNIE:

I'm a polio "quad" with very little use of my hands. My eyes get tired if I watch TV or read very long. What can I do to make time pass?

BORED

DEAR BORED:

Get a special phone by-passing the need to dial and start looking for phone pals among other shut-ins in your area. Offer your services to charity and church groups as telephone chairman. They might be very happy to have you assume this time-consuming job, and your telephone can be an unending source of amusement and your chance to help others.

(Suggested by Barbara Carter, Granada Hills, Calif.)

DEAR BONNIE:

Why is it that in stories, plays and movies, people in wheelchairs always get up and walk in the last scene?

A READER

DEAR READER:

If they do, this probably reflects the eternal hope which lies in the heart of man, and most writers.

DEAR BONNIE:

I am in a wheelchair and I know that my husband is going out with other women. He is good to me except for this. Shall I let him get away with it?

WISE

DEAR WISE:

If you can discuss this without undue emotion, you should. The problem deserves an airing and the sooner the better.

DEAR BONNIE:

What can I do about a housekeeper who steals?

K. R.

DEAR K. R.:

Replace her with one who doesn't.

DEAR BONNIE:

I am a double amputee, single and 32 years old. The daughter of a friend of mine was engaged to a boy who got killed in a car wreck. She wants me to marry her and says "our" baby would be only a little premature. She is nineteen and a very sweet kid. Shall I save her from disgrace?

JOE L.

DEAR JOE:

Good marriages are not built on pity and desperation. There are better ways to help her.

DEAR BONNIE:

My husband and I were about to agree on a divorce—now he is in the hospital with polio. I intend to go ahead with the divorce. Am I a heel?

LOIS

DEAR LOIS:

I don't know. Are you?

ACCENT On The News

Surplus artificial limbs and braces are being contributed by veterans to help the handicapped of the under-developed nations of the world. Over 2,500 limbs and braces have been brought to VA hospitals and clinics throughout the nation to date.

A Handbook of Small Business Finance can be purchased from the U. S. Government Printing Office, Washington, D. C. for 30c. Gives basic information to help better understand the operations of businesses, assistance available from local banks and serves as a guide to help measure the progress of operations.

Epileptic veterans who have achieved a certain amount of success in employment are described in the book, "Occupations of Epileptic Veterans of World War II and Korean Conflict". Available from U.S. Government Printing Office for 40c.

A new concept in artificial limbs for below-knee amputees has been developed by the VA and can be as much as two pounds lighter. The prosthesis represents a radical change in both fitting and manufacture, as compared with most below-knee artificial limbs.

Paying from \$7,560 to \$13,730 per year, jobs are open for psychologist positions in VA installations in U.S. and Puerto Rico. Further information and application forms may be obtained from most U.S. post offices.

Interested in a franchise? Be careful! Recently a prominent mail order man has induced a lot of innocent neophytes that they can reap tidy profits by taking a franchise and buying imprinted syndicated catalogs. The question is: why doesn't the promoter mail the catalogs himself and keep the profit? As some of the old time mail order specialists say, "It just isn't possible for an unknown, unskilled person to mail out catalogs and sell enough to cover costs . . . no matter how good the catalog or the merchandise."

Damn the Doctors. These are the words of a Texas filling station operator. We do agree with this point however, "Tell your doctor you are dissatisfied. He'll listen. If he doesn't, get another one. It's just as easy to change doctors as it is to change filling stations."

Veterans with a GI insurance policy who become totally and permanently disabled should apply to VA for a waiver of premium. Caution: continue paying premiums regularly until notice is received from VA that waiver has been granted. All premiums paid after the effective date of the waiver will be refunded to you.

World War II veterans have two more years in which to obtain VA-

YOU CAN GET LIFE INSURANCE without taking a medical exam!

Now you can provide your loved ones with money in case you die. Our policy even has a "cash value" you can borrow money against in case of an emergency. Easy-to-get. Handled entirely by mail. Sold in easy-to-pay-for units of \$500. Licensed by the Illinois Insurance Department. Write TODAY for simple application form.



Commerce Insurance Company

548 North Lake Shore Drive, Chicago 11, Illinois

guaranteed home, farm and business loans as the result of a bill signed into law July 14, 1960 by the President. Both World War II and Korean Conflict veterans can continue to apply for direct loans from the Federal government if they live in designated rural areas where GI loans are not obtainable from the local lending institutions.

Arrested in connection with a medical fraud scheme, was William H. Hagedorn, of Manning Iowa. He advertised the sale of his own preparation for cure of cancer, gangrene, polio, etc.

Nine months in prison and \$1,000 fine. This was the sentence of Robert L. Leavitt, Philadelphia, Pa., for a work-at-home scheme addressing envelopes.

Another advance fee swindle. An indictment was returned against Lenders Service Corp., a California concern, on 43 counts of mail fraud. Twelve of 23 named defendants have been arrested. Thousands of small businessmen throughout the nation, it is alleged paid approximately 5 million dollars in advance fees on promises that much needed business loans could be obtained for them. Lenders Service Corp. began operations in 1957, but the officers of this company had been promoting advance fee swindles as far back as 1950.

Hugo Deffner, Handicapped American of 1957, died. 71 years old, he died in his home in Oklahoma City, Oklahoma, following a stroke. Mr. Deffner, an Oklahoma insurance agent, was given the President's Trophy for his courageous campaign to make every building used by the public accessible to persons unable to climb stairs. Mr. Deffner had polio when 20 years old. As a result of his crusade, the President's Committee is working with the American Standards Assn. and many other national organizations to set up construction standards which would make public buildings and their facilities accessible to people in wheelchairs and those who walk with canes and crutches.

A helpful architectural booklet "Facilities in Public Buildings for Persons with Ambulatory Impairments" is available from the Veterans Bureau, Washington 25, D.C.

National Foundation says funds are low. Expenditures on patient care have remained high while the funds raised by the NF have dropped drastically, said Charles Massey, national director of chapters. As a result, the official indicated the National Foundation is virtually broke. Massey was commenting on a report that the Foundation owes the nation's hospitals \$2 million. He said that a \$61 million goal was set for the March of Dimes campaign early this year, but only about \$30 million was raised.

Strike Back at Arthritis. This 45 page booklet presents exercises and additional procedures which can be effective in preventing the crippling results of immobilization. Available from the U. S. Government Printing Office for 40c.

Pan American World Airways received a Citation for Meritorious Service from the President's Committee on Employment of the Physically Handicapped. 500 physically handicapped persons work for Pan American at assignments throughout the world.

Program of fraud and deceit. This is the claim of the Federal Trade Commission who ordered Allied Merchandising, Inc., a vending machine distributor in University City, Missouri, to stop its deceptive employment offers, exaggerated earnings claims, false assurances of assistance to purchases, and other misleading claims. Advertising included statements such as, "Profits on 10 machines costing about \$2,000 will net from \$90 to \$100 per week for not more than 6 hours servicing time weekly."

Twenty-one newspapers of California's San Fernando Valley are donating classified ads worth more than \$1,000 a week for a bold new venture in locating jobs for the physically and emotionally handicapped. The project reflects the VA's conviction that the old relationship in which the community considered the mental hospital only a custodial institution is growing into a "working partnership" in which the community understands the hospital's treatment capability and takes an active part in final rehabilitation of patients.

Correspondence Course. A consent order approved by the FTC prohibits E. J. Kasnicka, trading as Master Designer, in Chicago, from misrepresenting employment opportunities and other benefits afforded purchasers of his home study books on clothes designing and tailoring. For example, the complaint alleged that Kasnicka misrepresented that persons who purchase and study his books will be (1) competent and able to perform the duties of a skilled craftsman in drafting, grading, cutting or tailoring; (2) recognized as such a craftsman by the trade; and (3) employed by the garment industry as drafters, graders, cutters or tailors.

By 1980, probably 70% of the things you will be using will be things which have not been invented at this time. This is the greatest period of social change in world history and time-honored misconceptions and stereotypes in the realm of race relations are fading away. Within 20 years atomic power will have become universal and there will be no such thing as backward nations or underprivileged citizens.

National Congress formed for physically handicapped. Elmer Josephs, Minneapolis, Minnesota, is responsible for this new organization which held its first organized meeting in Indianapolis on May 14. Supreme authority of the organization was vested in an executive board of directors consisting of one voting delegate from each member-organization, regardless of its size. Equal representation prevents domination of the group by any large existing handicapped organization. Purpose is to bring together, at regular intervals, representatives of various handicapped organizations to serve as an advisory and coordinating body in promoting their general objectives and goals. Officers elected to serve until a meeting to be scheduled in October are Elmer Josephs; Martha Wise, Indianapolis, Indiana; and Robert Woodward, Oklahoma City, Oklahoma.

IDEA EXCHANGE

What Readers Said To Case #19

"I would urge that this person consult a good orthopedist about the possibility of doing a panarthrodesis. This is a grafting together of bones in the ankle causing the knee to lock. The ankle is permanently stiff, but that in no way hampers activity such as a stiff knee. My doctor performed this surgery on me four years ago and it works beautifully. I could not believe that a stiff ankle would eliminate a long brace but it does."

Emily Rafferty
Louisville, Ky.

"Hamper Kelikian, M.D., 30 North Michigan Avenue, Chicago 2, Illinois, has developed a technique for fusing the knee."

Gustav Dimberg, V.P.
Orthopedic Equipment Co.
Bourbon, Indiana

What Readers Said To Case #20

Readers had no suggestions for this rather difficult problem.

What Readers Said To Case #21

Readers had no specific suggestions for this problem, although we are investigating some information received that, if it checks out OK, will be featured in a future issue.

What Readers Said To Case #15

Although belated, this answer may be of interest to persons interested in hospitalization insurance.

"If Case #15, in the Winter 1959 copy you sent, has not yet been answered, let me say I have hospital insurance with Fidelity Interstate Life Insurance Co., P. O. Box 8537, Philadelphia 2, Pa. It covered everything when I broke my leg 15 months after I got it, and now would cover any length of stay in the hospital. They required a rider excluding any polio benefits, which was OK with me, as polio has already had its bite of me, and can't do me any more harm."

Bud Bryant, Pastor
New Bloomfield, Mo.

A New Mechanical Hand

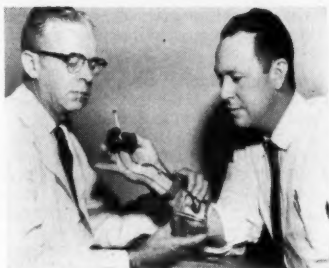
Today a person with paralyzed hands can look forward to picking up a pencil and writing, to lathering his face in shaving, to eating with fork or spoon, and to using a telephone. All this thanks to an ingenious new "hand".

The device, which weighs only six ounces, is hydraulically operated by tap water and any part can be replaced at the cost of only a few pennies. The hand gives the patient a three jaw chuck grasp with the activating mechanism placed either on the arm of a chair or in any position to enable him to open the hand.

While the apparatus weighs six ounces, the portion of the mechanical hand attached to the patient weighs only four and one-half ounces. The hydraulic system is filled with tap water and the master and slave cylinders are made of nylon.

It has been demonstrated that this hand will withstand many years of wear. One was placed in a cycling machine and operated continuously for a period corresponding to 26 years use. At the end of this run, there was no loss of fluid; and in fact, the cylinders acted more smoothly after prolonged use.

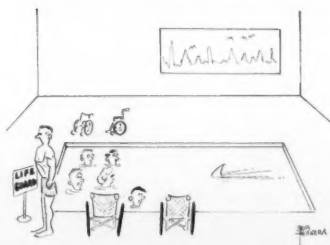
The Easter Seal Research Foundation financed the grant for this research done by Arthur J. Heather, M.D., Medical Director, Department of Physical Medicine and Rehabilitation, Eugene duPont Me-



New mechanical hand is demonstrated by developer Arthur J. Heather, M.D. to Charles Daniels, engineer who assisted in designing the hand.

morial Hospital, 3506 Kennett Pike, Wilmington, Delaware.

According to the Easter Seal Society, this hand is not in manufacturing stages at the present time since research is still being continued; however, according to them, the manufacturer of the mechanical hand will be the All American Engineering Co., Box 1247, duPont Airport, Wilmington, Delaware. Mr. J. C. Daniels is Director of Government Projects for this company.





At bedtime Andi, moves into the iron lung.

Traveling, even with four children, is a pleasure when there is room enough. The boys play vigorously with their cars and bulldozers, the baby can have a comfortable nap when she is tired, lunches can be served conveniently. Often I have felt like an airline stewardess as I stroll up and down the aisle ministering to my passengers while "Captain Lee" steers our course up front. When we travel in the evening I make up the beds, pajama the children, and tuck them in. We have lots of time for prayers, stories, songs and snacks. There is a wonderful family feeling together and independent, moving over the highway.

The old school bus has done wonders for our morale and outlook. It is a symbol of a courageous little girl, a hard working daddy, and the indefinable spark of imagination which has enabled Andi and all of us to live vigorously and positively. The bus has indeed put wings on an iron lung and wings on our spirits.

MOVE ABOUT AGAIN... WITHOUT STRAIN?



OF COURSE YOU CAN WITH A PORTO LIFT

For the incapacitated, Porto-Lift assures new freedom of movement . . . easily, effortlessly . . . with none of the discomforts that result from movement by hand.

Just the touch of simple hydraulic controls . . . and the sturdily built, completely mobile Porto-Lift is ready to facilitate movement from bed to wheelchair, auto, or bath.

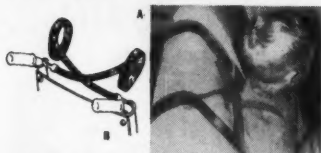
Ask your medical supply dealer for a demonstration, or write:

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06

Now! Travel in Safety!



NEW KENDALL RIDING SUPPORT LETS YOU SIT UP and GO!

Easily attached over back of car seat or to handles of wheelchair, this new support holds passenger firmly, but gently. Maintains equilibrium even on sharp turns. Gives complete safety in sudden stops. Sturdy webbed shoulder straps to fit child or adult, cannot slip off, provide posture correction recommended by orthopedic authorities.

- A—For auto seats with clip-on metal frame \$16.95 set plus \$1.50 shipping and handling
B—Straps alone with rings for wheelchair support — \$6.95 set . . . plus 50c shipping and handling

Auxiliary head supports, chest straps for additional holding strength also available.

Write for free "Personalized Shopping Center for the Physically Disabled" Catalog.

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BOOKS

BACK ISSUES of ACCENT On Living magazine. (Summer '56 thru Summer '58 called Polio Living). While supply lasts. 50c each. Winter '57, Fall '58 and Summer '59 are sold out. Special price for any six, \$2.50. Twelve for \$4.00. Send check or money order to ACCENT. 802 Reinthal, Bloomington, Illinois.

HAND DRIVE CONTROLS

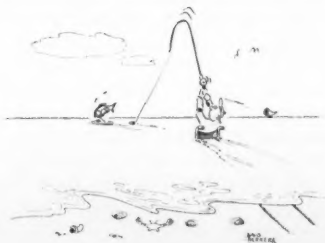
WELLS-ENGBERG CO., 2505 Rural Street, Rockford, Illinois. Write Dept. "A" for literature.

Over 1,000 licensed drivers in 50 states and overseas . . . There must be a reason — Drive-Master Hand Controls. See ad page 26.

INFORMATION WANTED

RESPO.—HAMS—! compiling catalog, please send call letters and rig information, bands used, to LAMP-K8ABP 108 N. Center, Seville, Ohio.

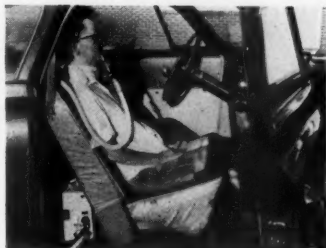
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"Remember, an idea can whip a job many times it's size."

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